



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 90 44 15

Classification of the application (IPC):
G02B 6/36, G02B 6/42

Technical fields searched (IPC):
G02B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2012027359 A1 (KATOH SEIJI [JP]) 02 February 2012 (2012-02-02) * figure 3 * * paragraph [0077]; figure 5 *	1-8
A	US 7588373 B1 (SATO TAKASHI [JP] ET AL) 15 September 2009 (2009-09-15)	1-8
A	US 9720193 B2 (FUJIKURA LTD [JP]) 01 August 2017 (2017-08-01)	1-8
A	US 2016266340 A1 (ZHANG RANRAN [US] ET AL) 15 September 2016 (2016-09-15)	1-8
A	JP 2015025868 A (SEI OPTIFRONTIER CO LTD) 05 February 2015 (2015-02-05)	1-8

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 28 November 2023	Examiner Verbandt, Yves
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 28-11-2023
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